

## ■ USB 3.0 Express RC8



With USB 3.0 becoming more prominent in the industry, external flash drives can now function at unprecedented speeds blurring the line between internal and external storage. The new Express RC8 reaches 270 MB/s read speeds which is better than internal and external hard drives and comparable to solid state drives. Our eight channel architecture and DRAM caching system excels in USB 3.0 by elevating small block performance while improving large block read and writes. Being backward compatible, our design optimizes USB 2.0 connections as well. The Express RC8 is USB powered unlike some external hard drives, has read/write speeds that rival solid state drives, and is the size of a USB flash drive which is smaller than hard drives and solid state drives. This is a significant leap forward that will change how we perceive and choose storage solutions.

### Specifications

Capacity**	25GB – 100GB
Interface	USB 3.0 and USB 2.0
OS Support	Windows XP, Vista, Windows 7, Mac OSX
NAND Flash	MLC
Dimensions	92.7 mm x 25.0 mm x 8.0 mm
Data Integrity	10 years
Seq. Read*	270 MB/s
Seq. Write*	220 MB/s
Error Correction	Built in ECC/EDC functionality
Wear Leveling Algorithm	Global wear-leveling
Humidity	5% to ~98% RH
Operating Shock	1500G
Operating Vibration	16G
Operating Temp.	0°C to 70°C
Warranty	5 years

### Ordering information

Capacity	Part Number
25GB	ST3U25GR8S
50GB	ST3U50GR8S
100GB	ST3U100R8S

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\*USB 3.0 Port and the installation of an enhanced driver required for maximum speeds.

\*\* Actual usable capacity may vary. 1GB equal 1 billion bytes.